

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 11

Complete if Known

Application Number	10/660,122
Filing Date	09/11/2003
First Named Inventor	David J. Ecker
Art Unit	1637
Examiner Name	Jeffrey Norman Fredman
Attorney Docket Number	DIBIS-0002US.P3

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
/JF/	CQ	US-5,484,908	01-16-1996	Froehler et al.	
	CR	US-5,502,177	03-26-1996	Matteucci et al.	
	CS	US-5,503,980	04-02-1996	Cantor	
	CT	US-5,527,675	06-18-1996	Coull et al.	
	CU	US-5,580,733	12-03-1996	Levis et al.	
	CV	US-5,625,184	04-29-1997	Vestal et al.	
	CW	US-5,645,985	07-08-1997	Froehler et al.	
	CX	US-5,686,242	11-11-1997	Bruice et al.	
	CY	US-5,700,642	12-23-1997	Monforte et al.	
	CZ	US-5,759,771	06-02-1998	Tilanus	
	DA	US-5,763,588	07-09-1998	Matteucci et al.	
	DB	US-5,770,367	06-23-1998	Southern et al.	
	DC	US-5,777,324	07-07-1998	Hillenkamp	
	DD	US-5,830,653	11-03-1998	Froehler et al.	
	DE	US-5,830,655	11-03-1998	Monforte et al.	
	DF	US-5,851,765	12-22-1998	Koster	
	DG	US-5,864,137	01-26-1999	Becker et al.	
	DH	US-5,869,242	02-09-1999	Kamb	
	DI	US-5,871,697	02-16-1999	Rothberg et al.	
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		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
/JF/	DL	DE19802905	07-29-1999	Bruker Daltonik		
	DM	DE19824280	12-02-1999	Bruker Daltonik		
	DN	DE19852167	05-31-2000	Bruker Saxonia		
	DO	EP1138782	10-14-2001	Bruker Saxonia		
	DP	EP1234888	08-28-2002	Bruker Saxonia		
	DQ	EP1333101	08-06-2003	Bruker Daltonik		
	DR	GB2325002	11-11-1998	Bruker Franzen		
	DS	GB2339905	02-09-2000	Bruker Daltonik		
	DT	WO 93/03186	02-18-1993	Hoffman-La Roche		
	DU	WO 94/16101	07-21-1994	Koster		

Examiner
Signature

/Jeffrey Fredman/

Date
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	2	of	11
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Application Number	10/660,122
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Art Unit	1637
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		Number - Kind Code ² (if known)			
/JF/	DV	US-5,981,176	11-09-1999	Wallace	
	DW	US-5,994,066	11-30-1999	Bergeron et al.	
	DX	US-6,001,564	12-14-1999	Bergeron et al.	
	DY	US-6,005,096	12-21-1999	Matteucci et al.	
	DZ	US-6,007,992	12-28-1999	Lin et al.	
	EA	US-6,028,183	02-22-2000	Lin et al.	
	EB	US-6,043,031	03-28-2000	Koster et al.	
	EC	US-6,046,005	04-04-2000	Ju et al.	
	ED	US-6,051,378	04-18-2000	Monforte et al.	
	EE	US-6,054,278	04-25-2000	Dodge et al.	
	EF	US-6,074,823	06-13-2000	Koster	
	EG	US-6,090,558	07-18-2000	Butler et al.	
	EH	US-6,104,028	08-15-2000	Hunter et al.	
	EI	US-6,111,251	08-29-2000	Hillenkamp	
	EJ	US-6,140,053	10-31-2000	Koster	
	EK	US-6,146,144	11-14-2000	Fowler et al.	
	EL	US-6,153,389	11-28-2000	Haarer et al.	
	EM	US-6,159,681	12-12-2000	Zebala	
	EN	US-6,180,372	01-30-2001	Franzen	
/JE/	EO	US-6,194,144	02-27-2001	Koster	

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		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
/JE/	EP	WO 94/21822	09-24-1994	Koster		
↓	EQ	WO 96/29431	09-26-1996	Sequenom		
↓	ER	WO 96/32504	10-17-1996	Trust. of Boston		
↓	ES	WO 96/37630	11-28-1996	SRI International		
↓	ET	WO 98/03684	01-29-1998	Hybridon Inc.		
↓	EU	WO 98/12355	03-26-1998	Genetrace Sys.		
↓	EV	WO 98/14616	04-09-1998	Perceptive Bio.		
↓	EW	WO 98/15652	04-16-1998	Brax Genomics		
↓	EX	WO 98/20020	05-14-1998	Sequenom Inc.		
↓	EY	WO 98/20157	05-14-1998	Infectio Diagnost.		
/JE/	EZ	WO 98/26095	06-18-1998	Genetrace Sys.		

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/Jeffrey Fredman/

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Sheet 3 of 11

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First Named Inventor	David J. Ecker
Art Unit	1637
Examiner Name	Jeffrey Norman Fredman
Attorney Docket Number	DIBIS-0002US.P3

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
/JF/ 	FA	US-6,197,498	03-06-2001	Koster	
	FB	US-6,218,118	04-17-2001	Sampson et al.	
	FC	US-6,221,587	04-24-2001	Ecker et al.	
	FD	US-6,221,601	04-24-2001	Koster et al.	
	FE	US-6,221,605	04-24-2001	Koster	
	FF	US-6,225,450	05-01-2001	Koster	
	FG	US-6,235,476	05-22-2001	Bergmann et al.	
	FH	US-6,235,478	05-22-2001	Koster	
	FI	US-6,235,480	05-22-2001	Shultz et al.	
	FJ	US-6,238,871	05-29-2001	Koster	
	FK	US-6,238,927	05-29-2001	Abrams et al.	
	FL	US-6,258,538	07-10-2001	Koster et al.	
	FM	US-6,265,716	07-24-2001	Hunter et al.	
	FN	US-6,268,129	07-31-2001	Gut et al.	
	FO	US-6,268,131	07-31-2001	Kang et al.	
	FP	US-6,268,146	07-31-2001	Shultz et al.	
	FQ	US-6,270,973	08-07-2001	Lewis et al.	
	FR	US-6,270,974	08-07-2001	Shultz et al.	
	FS	US-6,277,573	08-21-2001	Koster	
	/JF/	FT	US-6,277,578	08-21-2001	Shultz et al.

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		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)					
/JF/ ↓ * ↓ /IE/	FU	WO 98/31830		07-23-1998	Brax Genomics		
	FV	WO 98/40520		09-17-1998	Hybridon Inc.		
	FW	WO 99/05319		02-04-1999	Rapigene, Inc.		
	FX	WO 99/29898		06-17-1999	Max-Planck		
	FY	WO 99/57318		11-11-1999	Sequenom Inc.		
	FZ	WO 01/07648		02-01-2001	Artus Gesell.		
	GA	WO 01/23604		04-05-2001	Infectio Diagnost.		
	GB	WO 01/32930		05-10-2001	California Instit.		
	GC	WO 01/51661		07-19-2001	Amsterdam Support		
	GD	WO 01/57263		08-09-2001	Advion Biosci.		

* A copy of this reference will not be forwarded to the U.S. Patent and Trademark Office since it is too voluminous and easily obtainable by the Examiner.

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Signature

04/06/2007

Date
Considered

04/06/2007

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Sheet 4 of 11

Complete if Known

Application Number	10/660,122
Filing Date	09/11/2003
First Named Inventor	David J. Ecker
Art Unit	1637
Examiner Name	Jeffrey Norman Fredman
Attorney Docket Number	DIBIS-0002US.P3

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		Number - Kind Code ² (if known)			
/JF/	GE	US-6,300,076	10-09-2001	Koster	
	GF	US-6,312,893	11-06-2001	Van Ness et al.	
	GG	US-6,312,902	11-06-2001	Shultz et al.	
	GH	US-6,361,940	03-26-2002	Van Ness et al.	
	GI	US-6,372,424	04-16-2002	Brow et al.	
	GJ	US-6,391,551	05-21-2002	Shultz et al.	
	GK	US-6,423,966	07-23-2002	Hillenkamp et al.	
	GL	US-6,428,955	08-06-2002	Koster et al.	
	GM	US-6,432,651	08-13-2002	Hughes et al.	
	GN	US-6,436,635	08-20-2002	Fu et al.	
	GO	US-6,436,640	08-20-2002	Simmons et al.	
	GP	US-6,458,533	10-01-2002	Felder et al.	
	GQ	US-6,468,748	10-22-2002	Monforte et al.	
	GR	US-6,475,736	11-05-2002	Stanton, Jr.	
	GS	US-6,479,239	11-12-2002	Anderson et al.	
	GT	US-6,500,621	12-31-2002	Koster	
	GU	US-6,558,902	05-06-2003	Hillenkamp	
	GV	US-6,566,055	05-20-2003	Monforte et al.	
	GW	US-6,582,916	06-24-2003	Schmidt et al.	
	GX	US-6,589,485	07-08-2003	Koster	

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		Country Code ² - Number ³ - Kind Code ⁴ (if known)				
/JF/	GY	WO 02/10186	02-07-2002	California Instit.		
	GZ	WO 02/18641	03-07-2002	Sequenom-Gemini		
	HA	WO 02/21108	03-14-2002	Large Scale		
	HB	WO 02/50307	06-27-2002	Chugai Seiyaku		
	HC	WO 02/57491	07-25-2002	Board of Trustees of the Leland Council of Scientific		
	HD	WO 02/077278	10-03-2002			
	HE	WO 02/099034	12-12-2002	Infection Diagnostic		
	HF	WO 03/002750	01-09-2003	High Throughput		
	HG	WO 03/008636	01-30-2003	Infectio Diagnost.		
	HH	WO 03/016546	02-27-2003	Flinders Technol.		

Examiner
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Sheet 5 of 11

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/JF/	HI	US-6,602,662	08-05-2003	Koster	
	HJ	US-6,605,433	08-12-2003	Fliss et al.	
	HK	US-6,613,509	09-02-2003	Chen	
	HL	US-6,623,928	09-23-2003	Van Ness et al.	
	HM	US-6,682,889	08-12-2003	Fliss et al.	
	HN	US-6,716,634	04-06-2004	Myerson	
	HO	US-2002/0045178	04-18-2002	Cantor et al.	
	HP	US-2002/0137057	09-26-2002	Wold et al.	
	HQ	US-2002/0150903	10-17-2002	Koster	
	HR	US-2002/0150927	10-17-2002	Matray et al.	
	HS	US-2002/0168630	11-14-2002	Fleming et al.	
	HT	US-2003/0017487	01-23-2003	Xue et al.	
	HU	US-2003/0039976	02-27-2003	Haff	
	HV	US-2003/0064483	04-03-2003	Shaw et al.	
	HW	US-2003/0073112	04-17-2003	Zhang et al.	
	HX	US-2003/0113745	06-19-2003	Monforte et al.	
	HY	US-2003/0129589	07-10-2003	Koster et al.	
	HZ	US-2003/0134312	07-17-2003	Burgoyne	
	JA	US-2003/0148284	08-07-2003	Vision et al.	
	JB	US-2003/0175729	09-18-2003	Van Eijk et al.	
	JC	US-2003/0194699	10-16-2003	Lewis et al.	
	JD	US-2003/0203398	10-30-2003	Bramucci et al.	
	JE	US-2003/0220844	11-27-2003	Marnellos et al.	
	JF	US-2004/0005555	01-08-2004	Rothman et al.	
	JG	US-2004/0038206	02-26-2004	Zhang et al.	
	JH	US-2004/0038234	02-26-2004	Gut et al.	
/JF/	JI	US-2004/0038385	02-26-2004	Langlois et al.	

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/JF/	JJ	WO 03/060163	07-24-2003	Keyence N.V.		
/JF/	JK	WO 03/088979	10-30-2003	Centre National		
/JF/	JL	WO 03/097869	11-27-2003	Com/Cipio GmbH		

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Art Unit	1637
Examiner Name	Jeffrey Norman Fredman
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/JF/	JM	BAHRMAND, A. R. et al., "Use of restriction enzyme analysis of amplified DNA coding for the hsp65 gene and polymerase chain reaction with universal primer for rapid differentiation of mycobacterium species in the clinical laboratory," <i>Scand. J. Infect. Diseases</i> (1998) 30(5):477-80.	
	JN	BAHRMAND, A. R. et al., "Polymerase chain reaction of bacterial genomes with single universal primer: application to distinguishing mycobacteria species," <i>Mol. Cell. Probes</i> (1996) 10(2):117-122.	
	JO	BASTIA, T. et al., "Organelle DNA analysis of Solanum and Brassica somatic hybrids by PCR with 'universal primers'," <i>Theoretical and Applied Genetics</i> (2001) 102(8):1265-1272.	
	JP	BOIVIN-JAHNS, V. et al., "Bacterial Diversity in a Deep-Subsurface Clay Environment," <i>Appl. Environ. Microbiol.</i> (1996) 62(9):3405-3412.	
	JQ	BOWEN, J. E. et al., "The native virulence plasmid combination affects the segregational stability of a theta-replicating shuttle vector in <i>Bacillus anthracis</i> var. New Hampshire," <i>J Appl Microbiol.</i> (1999) 87(2):270-278.	
	JR	CESPEDES, A. et al., "Polymerase chain reaction restriction fragment length polymorphism analysis of a short fragment of the cytochrome b gene for identification of flatfish species," <i>J. Food Protection</i> (1998) 61(12):1684-1685.	
	JS	CHEN, C. A. et al., "Universal primers for amplification of mitochondrial small subunit ribosomal RNA-encoding gene in scleractinian corals," <i>Marine Biotech.</i> (2000) 2(2):146-153.	
	JT	CHO, M. et al., "Application of the ribonuclease P (RNase P) RNA gene sequence for phylogenetic analysis of the gene <i>Saccharomonospora</i> ," <i>Internat. J. of Sys. Bacteriol.</i> (1998) 48:1223-1230.	
	JU	CORNEL, A. J. et al., "Polymerase chain reaction species diagnostic assay for <i>Anopheles quadrimaculatus</i> cryptic species (Diptera: Culicidae) based on ribosomal DNA ITS2 sequences," <i>Journal of Medical Entomology</i> (1996) 33(1):109-116.	
	JV	CRAIN, P. F. et al., "Applications of mass spectrometry to the characterization of oligonucleotides and nucleic acids," <i>Curr Opin Biotechnol</i> (1998) 9(1):25-34.	
✓	JW	CRESPILLO, M. et al., "Mitochondrial DNA sequences for 118 individuals from northeastern Spain," <i>Int. J. Legal Med.</i> (2000) 114:130-132.	
/JF/	JX	DEFORCE, D. L. et al., "Analysis of oligonucleotides by ESI-MS," <i>Advances in Chromatography</i> (2000) 40:539-566.	

Examiner Signature	/Jeffrey Fredman/	Date Considered	04/06/2007
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STATEMENT BY APPLICANT**

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Sheet 7 of 11

Complete If Known

Application Number	10/660,122
Filing Date	09/11/2003
First Named Inventor	David J. Ecker
Art Unit	1637
Examiner Name	Jeffrey Norman Fredman
Attorney Docket Number	DIBIS-0002US.P3

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/JF/	JY	DIAS NETO, E. et al., "Shotgun sequencing of the human transcriptome with ORF expressed sequence tags," <i>PNAS</i> (2000) 97(7):3491-3496.	
	JZ	DINAUER, D. M. et al., "Sequence-based typing of HLA class II DQB1," <i>Tissue Antigens</i> (2000) 55(4):364-368.	
	KA	DUBERNET, S. et al., "A PCR-based method for identification of Lactobacilli at the genus level," <i>FEMS Microbiology Letters</i> (2002) 214(2):271-275.	
	KB	FOX, A. et al., "Identification and detection of bacteria: electrospray MS-MS versus derivatization/GC-MS," <i>Proceedings of the ERDEC Scientific Conference on Chemical and Biological Defense Research</i> (1996) Aberdeen Proving Ground, Md., Nov. 15-18, 1994: p. 39-44.	
	KC	GATTERMANN, N. et al., "Heteroplasmic Point Mutations of Mitochondrial DNA Affecting Subunit I of Cytochrome c Oxidase in Two Patients with Acquired Idiopathic Siderblastic Anemia," <i>Blood</i> (1997) 90(12):4961-4972.	
	KD	GRIFFIN, T. J. et al., "Single-nucleotide polymorphism analysis by MALDI-TOF mass spectrometry," <i>Trends in Biotechnology</i> (2000) 18(2):77-84.	
	KE	HAHNER, S. et al., "Analysis of short tandem repeat polymorphisms by electrospray ion trap mass spectrometry," <i>Nucleic Acids Res.</i> (2000) 28(18):E82.	
	KF	HANNIS, J. C. et al., "Genotyping complex short tandem repeats using electrospray ionization Fourier transform ion cyclotron resonance multistage mass spectrometry," <i>Proceedings of SPIE-The International Society for Optical Engineering</i> (2000) 3926:36-47.	
	KG	HENCHAL, E. A. et al., "Sensitivity and specificity of a universal primer set for the rapid diagnosis of dengue virus infections by polymerase chain reaction and nucleic acid hybridization," <i>American Journal of Tropical Medicine and Hygiene</i> (1991) 45(4):418-428.	
	KH	HERRMANN, B. et al., "Differentiation of <i>Chlamydia</i> spp. by Sequence Determination and Restriction Endonuclease Cleavage of RNase P RNA Genes," <i>J. Clin. Microbiol.</i> (1996) 34(8): 1897-1902.	
↓	KI	HIGGINS, G. S. et al., "Competitive oligonucleotide single-base extension combined with mass spectrometric detection for mutation screening," <i>BioTechniques</i> (1997) 23(4):710-714.	
/JF/	KJ	HONDA, K. et al., "Universal method of hypersensitive nested PCR toward forensic DNA typing," <i>International Congress Series</i> (1998) 7:28-30.	

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Sheet 8 of 11

Complete If Known

Application Number	10/660,122
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First Named Inventor	David J. Ecker
Art Unit	1637
Examiner Name	Jeffrey Norman Fredman
Attorney Docket Number	DIBIS-0002US.P3

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/JF/	KK	JOHNSON, Y. A. et al., "Precise molecular weight determination of CPR products of the rRNA intergenic spacer region using electrospray quadrupole mass spectrometry for differentiation of <i>B. subtilis</i> and <i>B. atrophaeus</i> , closely related species of bacilli," <i>J. Microbiol. Methods</i> (2000) 40(3):241-254.	
	KL	KRAHMER, M. T. et al., "Electrospray quadrupole mass spectrometry analysis of model oligonucleotides and polymerase chain reaction products: determination of base substitutions, nucleotide additions/deletions, and chemical modifications," <i>Anal. Chem.</i> (1999) 71(14):2893-2900.	
	KM	KRAHMER, M. T. et al., "MS for identification of single nucleotide polymorphisms and MS/MS for discrimination of isomeric PCR products," <i>Anal. Chem.</i> (2000) 72(17):4033-4040.	
	KN	LEIF, H. et al., "Isolation and characterization of the proton-translocating NADH: ubiquinone oxidoreductase from <i>Escherichia coli</i> ," <i>Eur. J. Biochem.</i> (1995) 230(2):538-548.	
	KO	LI, J. et al., "Single nucleotide polymorphism determination using primer extension and time-of-flight mass spectrometry," <i>Electrophoresis</i> (1999) 20(6):1258-1265.	
	KP	LIU, Y. et al., "An unusual gene arrangement for the putative chromosome replication origin and circadian expression of <i>dnaN</i> in <i>Synechococcus</i> sp. strain PCC 7942," <i>Gene</i> (1996) 172(1):105-109.	
	KQ	LOAKES, D. et al., "Nitroindoles as Universal Bases," <i>Nucleosides Nucleotides</i> (1995) 14:1001-1003.	
	KR	LOVE, B. C. et al., "Cloning and sequence of the <i>groESL</i> heat-shock operon of <i>Pasteurella multocida</i> ," <i>Gene</i> (1995) 166(1):179-180.	
	KS	MAIWALD, M. et al., "Characterization of contaminating DNA in Taq polymerase which occurs during amplification with a primer set for <i>Legionella</i> 5S ribosomal RNA," <i>Mol. Cell. Probes</i> (1994) 8(1):11-14.	
	KT	MARTEMYANOV, K. A. et al., "Extremely Thermostable Elongation Factor G from <i>Aquifex aeolicus</i> : Cloning, Expression, Purification, and Characterization in a Heterologous Translation System," <i>Protein Expr. Purif.</i> (2000) 18(3):257-261.	
✓	KU	MATRAY, T. J. et al., "Synthesis and properties of RNA analogs - oligoribonucleotide N3'→P5' phosphoramidates," <i>Nucleic Acids Res.</i> (1999) 27(20):3976-3985.	
/JF/	KV	MESSMER, T. O. et al., "Discrimination of <i>Streptococcus pneumoniae</i> from other upper respiratory tract streptococci by arbitrarily primed PCR," <i>Clin. Biochem.</i> (1995) 28(6):567-572.	

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Sheet 9 of 11

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Application Number	10/660,122
Filing Date	09/11/2003
First Named Inventor	David J. Ecker
Art Unit	1637
Examiner Name	Jeffrey Norman Fredman
Attorney Docket Number	DIBIS-0002US.P3

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/JF/	KW	MORSE, R. et al., "Nucleotide Sequence of Part of the <i>ropC</i> Gene Encoding the β' Subunit of DNA-Dependent RNA Polymerase from some Gram-Positive Bacteria and Comparative Amino Acid Sequence Analysis," <i>System Appl. Microbiol.</i> (1996) 19:150-157.	
	KX	MUDDIMAN, D. C. et al., "Application of secondary ion and matrix-assisted laser desorption-ionization time-of-flight mass spectrometry for the quantitative analysis of biological molecules," <i>Mass Spectrometry Reviews</i> (1995) 14(6):383-429.	
	KY	MUDDIMAN, D. C. et al., "Important aspects concerning the quantification of biomolecules by time-of-flight secondary-ion mass spectrometry," <i>Applied Spectroscopy</i> (1996) 50(2):161-166.	
	KZ	MUDDIMAN, D. C. et al., "Precise mass measurement of a double-stranded 500 base-pair (309kDa) polymerase chain reaction product by negative ion electrospray ionization fourier transform ion cyclotron resonance mass spectrometry," <i>Rapid Commun. Mass Spec.</i> (1999) 13:1201-1204.	
	LA	MUHAMMAD, W. T. et al., "Electrospray ionization quadrupole time-of-flight mass spectrometry and quadrupole mass spectrometry for genotyping single nucleotide substitutions in intact polymerase chain reaction products in K-ras and p53," <i>Rapid Commun. Mass Spectrom.</i> (2002) 16(24):2278-2285.	
	LB	MUSHEGIAN, A. R. et al., "A minimal gene set for cellular life derived by comparison of complete bacterial genomes," <i>Proc. Natl. Acad. Sci. USA</i> (1996) 93(19):10268-10273.	
	LC	NAKAO, H. et al., "Development of a Direct PCR Assay for Detection of the Diphtheria Toxin Gene," <i>J. Clin. Microbiol.</i> (1997) 35(7):1651-1655.	
	LD	NAUMOV, G. I. et al., "Discrimination between the soil yeast species <i>Williopsis saturnus</i> and <i>Williopsis suaveolens</i> by the polymerase chain reaction with the universal primer N21," <i>Microbiology (Moscow)</i> (Translation of <i>Mikrobiologiya</i>) (2000) 69(2):229-233.	
	LE	NISHIKAWA, T. et al., "Reconstitution of active recombinant Shiga toxin (Stx)1 from recombinant Stx1-A and Stx1-B subunits independently produced by <i>E. coli</i> clones," <i>FEMS Microbiol Lett.</i> (1999) 178:13-18.	
✓	LF	REID, S. M. et al., "Primary diagnosis of foot-and-mouth disease by reverse transcription polymerase chain reaction," <i>Journal of Virological Methods</i> (2000) 89(1-2):167-176.	
/JF/	LG	REILLY, K. et al., "Design and use of 16S ribosomal DNA-directed primers in competitive PCRs to enumerate proteolytic bacteria in the rumen," <i>Microbiol. Ecol.</i> (2002) 43(2):259-270.	

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Sheet 10 of 11

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Application Number	10/660,122
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First Named Inventor	David J. Ecker
Art Unit	1637
Examiner Name	Jeffrey Norman Fredman
Attorney Docket Number	DIBIS-0002US.P3

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/JF/	LH	ROSS, P. L. et al., "Analysis of DNA fragments from conventional and microfabricated PCR devices using delayed extraction MALDI-TOF mass spectrometry," <i>Anal. Chem.</i> (1998) 70(10): 2067-2073.	
	LI	SALA, M. et al., "Ambiguous base pairing of the purine analogue 1-(2-deoxy-β-D-ribofuranosyl)-imidazole-4-carboxamide during PCR," <i>Nucleic Acids Res.</i> (1996) 24(17):3302-6.	
	LJ	SAUER, S. et al., "A novel procedure for efficient genotyping of single nucleotide polymorphisms," <i>Nucleic Acids Res.</i> (2000) 28(5):E13.	
	LK	SCHRAM, K. H., "Mass Spectrometry of Nucleic Acid Components," <i>Biomedical Applications of Mass Spectrometry</i> (1990) 34:203-280.	
	LL	SCHULTZ, J. C. et al., "Polymerase chain reaction products analyzed by charge detection mass spectrometry," <i>Rapid Communications in Mass Spectrometry</i> (1999) 13(1):15-20.	
	LM	SESHADRI, R. et al., "Differential Expression of Translational Elements by Life Cycle Variants of <i>Coxiella burnetii</i> ," <i>Infect. Immun.</i> (1999) 67(11):6026-6033.	
	LN	SHAVER, Y. J. et al., "Variation in 16S-23S rRNA intergenic spacer regions among <i>Bacillus subtilis</i> 168 isolates," <i>Molecular Microbiology</i> (2001) 42(1):101-109.	
	LO	TAKAHASHI, H. et al., "Characterization of <i>gyrA</i> , <i>gyrB</i> , <i>grlA</i> and <i>grlB</i> mutations in fluoroquinolone-resistant clinical isolates of <i>Staphylococcus aureus</i> ," <i>J. Antimicrob. Chemother.</i> (1998) 41(1):49-57.	
	LP	TONG, J. et al., "Ligation reaction specificities of an NAD ⁺ -dependent DNA ligase from the hyperthermophile <i>Aquifex aeolicus</i> ," <i>Nucleic Acids Res.</i> (2000) 28(6):1447-1454.	
	LQ	VAN AERSCHOT, A. et al., "In search of acyclic analogues as universal nucleosides in degenerate probes," <i>Nucleosides & Nucleotides</i> (1995) 14(3-5):1053-1056.	
	LR	VAN CAMP, G. et al., "Amplification and sequencing of variable regions in bacterial 23S ribosomal RNA genes with conserved primer sequences," <i>Curr. Microbiol.</i> (1993) 27(3):147-151.	
	LS	VAN ERT, M. N. et al., "Mass spectrometry provides accurate characterization of two genetic marker types in <i>Bacillus anthracis</i> ," <i>Biotechniques</i> (2004) 37(4):642-651.	
/JF/	LT	WALTERS, J. J. et al., "Genotyping single nucleotide polymorphisms using intact polymerase chain reaction products by electrospray quadrupole mass spectrometry," <i>Rapid Commun. Mass Spectrom.</i> (2001) 15(18):1752-1759.	

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Sheet 11 of 11

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Application Number	10/660,122
Filing Date	09/11/2003
First Named Inventor	David J. Ecker
Art Unit	1637
Examiner Name	Jeffrey Norman Fredman
Attorney Docket Number	DIBIS-0002US.P3

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/JF/	LU	WELHAM, K. J. et al., "The Characterization of Micro-organisms by Matrix-assisted Laser Desorption/Ionization Time-of-flight Mass Spectrometry," <i>Rapid Commun. Mass Spec.</i> (1988) 12:176-180.	
	LV	WIDJOJOATMODJO, M. N. et al., "Rapid identification of bacteria by PCR-single-strand conformation polymorphism," <i>J. Clin. Microbiol.</i> (1994) 32(12):3002-3007.	
	LW	WOLTER, A. et al., "Negative Ion FAB Mass Spectrometric Analysis of Non-Charged Key Intermediates in Oligonucleotide Synthesis: Rapid Identification of Partially Protected Dinucleoside Monophosphates," <i>Biomed. Environ. Mass Spectrom.</i> (1987) 14:111-116.	
	LX	WOO, T. H. S. et al., "Identification of <i>Leptospira inadai</i> by continuous monitoring of fluorescence during rapid cycle PCR," <i>Systematic and Applied Microbiology</i> (1998) 21(1):89-96.	
	LY	WUNSCHER, D. et al., "Discrimination among the <i>B. cereus</i> group, in comparison to <i>B. subtilis</i> , by structural carbohydrate profiles and ribosomal RNA spacer region PCR," <i>Systematic and Applied Microbiology</i> (1994) 17(4):625-635.	
	LZ	WUNSCHER, D. S. et al., "Analysis of double-stranded polymerase chain reaction products from the <i>Bacillus cereus</i> group by electrospray ionization Fourier transform ion cyclotron resonance mass spectrometry," <i>Rapid Communications in Mass Spectrometry</i> (1996) 10(1):29-35.	
/JF/	MA	YASUI, T. et al., "A specific oligonucleotide primer for the rapid detection of <i>Lactobacillus lindneri</i> by polymerase chain reaction," <i>Can. J. Microbiol.</i> (1997) 43(2):157-163.	

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